

REMARKS/ARGUMENTS

After the foregoing Amendment, claims 1-22, and 26-29 are currently pending in this application. Claims 23-25 are canceled without prejudice. Claims 1, 11, 14-15 and 26-27 are amended.

Allowable Subject Matter

Applicants thank the Examiner for indicating that claims 11-22, 28 and 29 contain allowable subject matter.

Claim Objections

The Examiner objected to claims 11-22, 28 and 29 as being dependent upon a rejected base claim. The base claims have been amended such that the Applicants believe are in condition for allowance. The withdrawal of the objection to claims 11-22, 28 and 29 is respectfully requested.

Claim Rejections - 35 USC 103(a)

Claims 1-7, 9 and 23-27 are rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 7,006,848 to Ling et al. (hereinafter Ling) in view of U.S. Patent No. 6,215,988 to Matero (hereinafter Matero). Claim 8 is rejected under 35 U.S.C. §103(a) as being unpatentable over Ling in view of Matero

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and further in view of U.S. Patent No. 5,606,736 to Hasler et al. (hereinafter Hasler). Claim 10 is rejected under 35 U.S.C. §103(a) as being unpatentable over Ling in view of Matero and further in view of U.S. Patent No. 5,966,666 to Yamaguchi et al. (hereinafter Yamaguchi).

Regarding claims 1, 26 and 27, as suggested by the Examiner in indicating claim 11 is allowable, neither Ling, alone or in combination with Matero, appear to teach a MIMO radio transceiver on a single semiconductor integrated circuit that includes a first and second lowpass filter. Accordingly, Applicants respectfully submit that claims 1, 26 and 27 are allowable over the cited references.

Claims 2-22 and 28-29 are either directly or indirectly dependent upon claim 1, which the Applicants believe are allowable over the cited references of record for the same reasons provided above.

Based on the arguments presented above, withdrawal of the 35 U.S.C. §103(a) rejection of claims 1-10 and 23-27 is respectfully requested.

Conclusion

If the Examiner believes that any additional minor formal matters need to be addressed in order to place this application in condition for allowance, or that a telephonic interview will help to materially advance the prosecution of this

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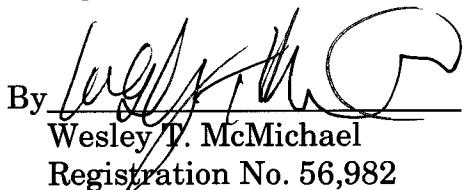
application, the Examiner is invited to contact the undersigned by telephone at the Examiner's convenience.

In view of the foregoing amendment and remarks, Applicants respectfully submit that the present application is in condition for allowance and a notice to that effect is respectfully requested.

Respectfully submitted,

Sugar et al.

By


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